LISTING OF THE CLAIMS:

1. (Previously Amended) Method for manufacturing an adhesion layer for a heat insulating layer that is applied onto a component part, the method comprising the steps:

a) producing a slip by mixing powders containing Ce and at least one of the elements Cr and Ni with a binding agent;

b) applying the slip onto the component part;

c) drying the slip at temperatures from room temperature through 300°C;

d) alitizing to cause diffusion joining and compacting of the slip layer to form the adhesion layer, whereby the method is controlled so that the adhesion layer comprises a structure having a grain size less than 75μm and a cavity proportion from 0 through 40%; and

e) applying a heat insulating layer on the adhesive layer.

2. (Previously Presented) Method according to claim 1, wherein the slip is produced with a powder of MCrAlY.

3. (Previously Presented) Method according to claim 2, wherein the powder is present with a grain size distribution from 5 through 120 μm.

Claims 4-7 (cancelled).

8. (Previously Presented) Method according to claim 15, wherein the heat treatment is implemented over 1 through 6 hours.

Claim 9 (cancelled).

10. (Previously Presented) A method according to claim 2, wherein the step of applying is selected from a group consisting of spraying, brushing and immersing.

11. (Previously Presented) A method according to claim 2, wherein the component part is composed of an alloy selected from the group consisting of nickel-based alloys and cobalt-based alloys.

12. (Previously Presented) A method according to claim 2, wherein the drying is implemented for a period of 0.5 to 4 hours.

13. (Previously Presented) A method according to claim 2, which includes, prior to the step of alitizing, heat treating the slip layer in argon at a temperature of between 750°C to 1200°C.

14. (Previously Presented) A method according to claim 13, wherein the step of heat treating is for 1 to 6 hours.

15. (Previously Presented) A method according to claim 2, which includes, prior to the step of alitizing, heat treating the slip layer in a vacuum at a temperature range of 750°C to 1200°C.

16. (Previously Presented) A method according to claim 2, wherein the step of alitizing is implemented at a temperature between 800°C and 1200°C for a duration of 1 to 12 hours.

17. (Previously Presented) A method according to claim 1, wherein the powder is present with a grain size distribution of 5μm through 120μm.

18. (Previously Presented) A method according to claim 1, wherein the step of applying is selected from a group consisting of spraying, brushing and immersing.

19. (Previously Presented) A method according to claim 1, wherein the component part is composed of an alloy selected from a group consisting of nickel-based alloys and cobalt-based alloys.

20. (Previously Presented) A method according to claim 1, wherein the step of drying is implemented over 0.5 to 4 hours.

Claims 21-23 (cancelled).

24. (Previously Presented) A method according to claim 1, wherein the step of alitizing is at a temperature of 800°C through 1200°C for a duration of 1 to 12 hours.

25. (Previously Presented) A method according to claim 1, wherein the step of applying a heat insulating layer applies a material consisting of zirconium oxide with an additive selected from a group consisting of calcium oxide and magnesium oxide.